

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claims 1-31 (Cancelled).

Claim 32 (Currently Amended). A photographic image apparatus comprising:

a film feed device for feeding a photographic film;

a detector for detecting a hole on a marginal area along an edge of the photographic film;

an image transforming device for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on the marginal area along the edge of the photographic film into information data to display on a monitor; ~~and~~

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of bit-map data, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records a size or aspect ratio of prints, a number of prints, and a size of paper selected by user; and

an output circuit for outputting the picture data to a printer device and for correcting the picture data using deviation data from a memory to display the information data, the size or aspect ratio of prints, the number of prints, and the size of paper on the corrected picture data.

Claim 33 (Original). The photographic image apparatus according to claim 32, wherein the image transforming device has a HDTV type aspect ratio for an image transforming area and for an information transforming area.

Claim 34 (Original). The photographic image apparatus according to claim 32, wherein the image transforming device is a charge coupled device.

Claim 35 (Currently Amended). The photographic image apparatus according to claim 33, wherein the micro-computer controls a selection of image transforming areas to change or select an aspect ratio of the picture data according to the information data.

Claim 36 (Original). The photographic image apparatus according to claim 33, further including an image processing circuit for changing a HDTV type aspect ratio of the picture data into an other aspect ratio of the picture data in accordance with the information data.

Claim 37 (Original). The photographic image apparatus according to claim 33, further having an image processing circuit for selecting and changing a HDTV type aspect ratio of the picture data into an other type of aspect ratio of the picture data in accordance with the information data.

Claim 38 (Currently Amended). A photographic printing system for outputting picture data into a printer device, the system comprising:

- a film feed device for feeding a photographic film

- a detector for detecting a hole on a marginal area along an edge of the photographic film;

- an image transforming device for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on the marginal area along the edge of the photographic film into information data to display on a monitor;

- a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of a bit-map, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records on the marginal area of the photographic film a size or aspect ratio of prints, a number of prints and a size of paper selected by a user; and

- an output circuit for outputting the picture data into the printer device and for correcting the picture data using

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deviation data from a memory to display the information data, the size or aspect ratio of prints, the number of prints, and the size of paper on the corrected picture data.

Claim 39 (Original) The photographic image system according to claim 38, wherein the image transforming device has a HDTV type aspect ratio for an image transforming area and for an information transforming area.

Claim 40 (Original) The photographic image system according to claim 38, wherein the image transforming device is a charge coupled device.

Claim 41 (Previously Presented). The photographic image system according to claim 38, wherein the micro-computer controls a selection of image transforming areas to change or select an aspect ratio of the picture data according to the information data.

Claim 42 (Original). The photographic image system according to claim 39, further including an image processing circuit for changing a HDTV type aspect ratio of the picture data into an other type of aspect ratio of the picture data in accordance with the information data.

Claim 43 (Original). The photographic image system according to claim 39, further having an image processing circuit for

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selecting and changing a HDTV type aspect ratio of the picture data into an other type of aspect ratio of the picture data in accordance with the information data.

Claim 44 (Currently Amended). A method for transforming an image of a subject on a frame of a photographic film, the method comprising the steps of:

feeding a photographic film

detecting a hole on a marginal area along an edge of the photographic film;

transforming the image of the subject on the frame of the photographic film into picture data;

transforming optical information on the marginal area along the edge of the photographic film into information data;

transforming the picture data into one of a bit-map, GIF type data, TIFF type data, and JPEG type data to output into a printer; ~~and~~

recording on the marginal area along the edge of the photographic film a size or aspect ratio of prints, a number of prints, and a size of paper selected by a user; and

outputting the picture data to a printer device and correcting the picture data using deviation data from a memory to display the information data, the size or aspect ratio of prints, the number of prints, and the size of paper on the corrected picture data.

Claim 45 (Original). The method for transforming

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according to claim 44, further including the step of:

superimposing or mixing the information data on the picture data.

Claim 46 (Original). The method for transforming according to claim 44, further including the step of:

changing an aspect ratio of the picture data in accordance with the information data.

Claim 47 (Original). The method for transforming according to claim 44, further including the step of:

selecting an aspect ratio of the picture data in accordance with the information data; and
outputting the selected aspect ratio of the picture data.

Claim 48 (Currently Amended). A photographic image apparatus comprising:

a cartridge housing for accommodating a film cartridge;
a film housing for accommodating a photographic film from the film cartridge;

a film feed device for feeding the photographic film between the film housing and the film cartridge in the cartridge housing;

a detector located between the film cartridge housing and the film housing for detecting a hole on a marginal area along an edge of the photographic film;

an image transforming device located between the cartridge housing and the film housing for transforming an image of a

subject on a frame of the photographic film into picture data and for transforming optical information on the marginal area along the edge of the photographic film into information data to display on a monitor; and

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of bit-map data, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records a size or aspect ratio of prints, a number of prints, and a size of paper selected by a user; and

an output circuit for outputting the picture data to a printer device and for correcting the picture data using deviation data from a memory to display the information data, the size or aspect ratio of prints, the number of prints, and the size of paper on the corrected picture data.

Claim 49 (Original). The photographic image apparatus according to claim 48, wherein the image transforming device is a charge coupled device having a HDTV type aspect ratio for an image transforming area and for an information transforming area.

Claim 50 (Original). The photographic image apparatus according to claim 48, further including an image processing circuit for changing or selecting an aspect ratio of the picture data in accordance with the information data.

Claim 51 (Previously Presented). The photographic image apparatus according to claim 48, wherein the micro-computer controls the film feed device to automatically set a position of the image on the frame of the photographic film against the image transforming device.

Claim 52 (Original). The photographic image apparatus according to claim 48, further including:

- a film type detector for detecting film type information recorded on the marginal area of the photographic film; and

- a processing circuit for processing a correction of the picture data in accordance with the detected film type information.

Claim 53 (Currently Amended). A photographic printing system for outputting picture data into a printer device, the system comprising:

- a cartridge housing for accommodating a film cartridge;

- a film housing for accommodating a photographic film from the film cartridge;

- a film feed device for feeding the photographic film between the film housing and the film cartridge in the cartridge housing;

- a detector located between the cartridge housing and the film housing for detecting a hole on a marginal area along an edge of the photographic film;

- an image transforming device located between the cartridge

housing and the film housing for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on the marginal area along the edge of the photographic film into information data to display on a monitor;

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of bit-map data, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records a size or aspect ratio of prints, a number of prints, and a size of paper selected by a user; and

an output circuit for outputting the picture data into the printer device and for correcting the picture data using deviation data from a memory to display the information data, the size or aspect ratio of prints, the number of prints, and the size of paper on the corrected picture data.

Claim 54 (Original). The photographic printing system according to claim 53, wherein the image transforming device is a charge coupled device having a HDTV type aspect ratio for an image transforming area and for an information transforming area.

Claim 55 (Original). The photographic printing system according to claim 54, further including an image processing

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circuit for changing or selecting an aspect ratio of the picture
data in accordance with the information data.

Claim 56 (Previously Presented). The photographic image
apparatus according to claim 55, wherein the micro-computer
controls the film feed device to automatically set a position of
the image on the frame of the photographic film against the image
transforming device.